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P.O. Box 1450Alexandria, Virginia 22313-1450  
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Or Fax

1374.42869TRN

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020457 7590 10/11/2006

ANTONELLI, TERRY STOUT & KRAUS, LLP  
1300 NORTH SEVENTEENTH STREET  
SUITE 1800  
ARLINGTON, VA 22209-3873

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope Addressed to the Mail Stop ISSUE FEE address above, or being facsimile Transmitted to the USPTO (571) 273-2885, on the date indicated below.

Ricardo E. Paez (Depositor's name)  
Ricardo Paez (Signature)  
10/18/2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,733	07/30/2003	Hiraku Chakihara	584.42869X00 1374 TRN	7533

TITLE OF INVENTION: SEMICONDUCTOR MEMORY DEVICE AND A METHOD OF MANUFACTURING THE SAME, A METHOD OF MANUFACTURING A VERTICAL MISFET AND A VERTICAL MISFET, AND A METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE AND A SEMICONDUCTOR DEVICE

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE (\$ DUE)	DATE DUE
Nonprovisional	NO	\$1400	\$300	\$1700	01/11/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
PERT, EVAN T	2826	257-365000

<p>1. Change of correspondence address or indication of "Fee Address": (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122 attached, agents OR, alternatively,</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys 1 ANTONELLI, TERRY STOUT AND KRAUS, LLP. 1400.00 OP 02 FC:1504 02 FC:1504 6.00 OP</p> <p>Or agents OR, alternatively, (2) the name of single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed.</p>
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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

RENESAS TECHNOLOGY CORP.  
HITACHI ULSI SYSTEMS CO., LTD.

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

TOKYO, JAPAN  
TOKYO, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 2

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☒ Payment by credit card - Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 01-2135 (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid Issue fee to the application identified above.  
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Gregory E. Montone*  
Gregory E. Montone

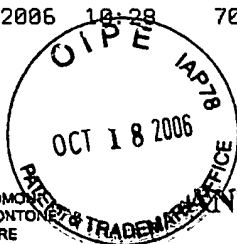
Date: OCTOBER 18, 2006

Registration No. 28,141

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) An application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and Submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete This form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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MELVIN KRAUS  
WILLIAM I. SOLOMON  
GREGORY E. MONTONE  
RONALD J. SHORE  
DONALD E. STOUT  
ALAN E. SCHIAVELLI  
PAUL J. SKWIERAWSKI  
ALFRED A. STADNICKI

DONALD R. ANTONELLI (1935-2005)

\*ADMITTED OTHER THAN VA

## LAW OFFICES

**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

SUITE 1800

1300 NORTH SEVENTEENTH STREET  
ARLINGTON, VIRGINIA 22209

TELEPHONE (703) 312-6600

FACSIMILE (703) 312-6666

email@antonelli.com

OF COUNSEL  
DAVID T. TERRY  
JESSICA H. BUI\*  
LEONID D. THENOR\*

PATENT AGENT  
LARRY N. ANAGNOS

**FACSIMILE TRANSMITTAL SHEET**  
**OCTOBER 18, 2006**

**TO:** Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RE:** U.S. Patent Application No. **10/629,733**  
For: SEMICONDUCTOR MEMORY DEVICE AND A METHOD OF MANUFACTURING THE SAME, A  
METHOD OF MANUFACTURING A VERTICAL MISFET AND A VERTICAL MISFET, AND A  
METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE AND A SEMICONDUCTOR DEVICE  
Filing Date: 07/30/2003  
Atty. Docket No. **1374.42869TRN**

From: Gregory E. Montone

Fax Number: (571) 273-2885

Total Number of Pages: **3**

Items Attached: Issue Fee Transmittal Form -- 1 Page  
Credit Card Payment Form -- 1 Page

I hereby certify that on OCTOBER 18, 2006, the above-identified documents are being  
facsimile transmitted to the United States Patent and Trademark Office.

Ricardo E. Perez

Name (Print)

Signature